

## **Genome-Wide Human SNP Array 6.0 (Affymetrix) Osteosarcoma (OS) – Copy Number**

\*Protocol performed at Nationwide Children's Hospital (nucleic acid extraction), Children's Hospital of Los Angeles (data generation) and Texas Children's Hospital (data analysis/summarization).

DNA was extracted using the DNA/RNA co-isolation method using the Qiagen AllPrep Kit.

DNA samples were labeled using SNP 6.0 core reagent kit following Affymetrix guidelines. Hybridization of samples was performed following manufacturer's instructions for Affymetrix Genome-Wide Human SNP6, and arrays scanned using Affymetrix Gene Chip Scanner 3000 7G.

Raw CEL files processed using Genotyping Console Software, and segmentation analysis performed using Partek Genomics Suite genomic segmentation algorithm.